

bs-11173R**[Primary Antibody]****NARF Rabbit pAb****Bioss**
ANTIBODIES

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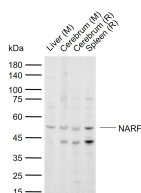
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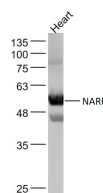
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse, Rat (predicted: Human, Sheep, Cow, Dog, Horse)
GeneID: 26502	SWISS: Q9UHQ1	Predicted MW.: 51 kDa
Target: NARF		Subcellular Location: Nucleus
Immunogen: KLH conjugated synthetic peptide derived from human NARF: 1-100/456.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Prenylation and methylation are two forms of protein modification, both of which are important for a variety of functions, including membrane attachment, protein-protein interactions and signaling events. NARF (nuclear prelamina A recognition factor), also known as IOP2, is a 456 amino acid nuclear protein that belongs to the NARF family. Expressed ubiquitously with highest expression in heart, skeletal muscle and brain, NARF binds to the C-terminal end of prenylated prelamina A and may be a member of a prelamina A-containing endoprotease complex. Additionally, via its association with prelamina A, NARF may be involved in heterochromatin organization. NARF is expressed as three isoforms due to alternative splicing events and, upon DNA damage, may be phosphorylated by ATM or ATR.		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Liver tissue lysates Lane 2: Mouse Cerebrum tissue lysates Lane 3: Rat Cerebrum tissue lysates Lane 4: Rat Spleen tissue lysates Primary: Anti-NARF (bs-11173R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kDa Observed band size: 52 kDa



Sample: Heart (Mouse) Lysate at 40 ug Primary: Anti-NARF (bs-11173R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD